

System Administration - SDP4

Test Objectives:

This test deals with the system administration functions within the ECS. This test does not necessarily have mission critical requirements associated with it, however, DAAC personnel feel that these functions need to be tested and verified to ensure that they can perform their duties within the system. The objectives of this test are:

- to verify administration type functionality, and
- system monitoring functionality.

Test Configuration:

TBS

Participants and Support Requirements:

Participants:

M&O Support at the DAACs

Communications:

Voice - Telephone

Data - N/A

IP addresses: TBS

Equipment and Software :

Hardware: Data Manager Server, CSS Server, MSS Server, Queuing Sever, AIT Server, APC Server, FSMS Server, DBMS Server, Data Distribution Server, Document Server

Software: Tivoli, HP OpenView, Email

Test Tools:

Tivoli, HP OpenView

Test Data:

TBS

Test Case Descriptions:

SDP4.1 Data Base Administration

This test verifies administration functions associated with the various data bases in the system. Directory Service functionality is demonstrated and verified.

Requirements to be Verified:

ESN-0490 ESN-0510 ESN-0610

SDP4.2 System Monitoring

This test verifies that the system monitors the various hardware and critical software processes connected to the system. The system is monitored using Tivoli and HP OpenView. The tester halts processes and

turns off servers and hardware units to ensure the system is monitoring and responding to the various failures. The elements being monitored in this test include:

- Data Manager Server
- CSS Server Hardware
- CSS Server
- MSS Server Hardware
- MSS Server
- Queuing Server
- AIT Server
- APC Server
- FSMS Server
- DBMS Server
- DATA Distribution Server
- Document Server

Requirements to be Verified:

TBD

SDP4.3 Email Log File

This test verifies that the email log file is updated with all information being sent into the system.

Requirements to be Verified:

TBD